

Amarillo ISD GT Curriculum Scopes & Sequence

Overarching Theme: *Systems*

TWELFTH GRADE Theme: *Understanding*

AFFECTIVE	CREATIVE THINKING & PROBLEM SOLVING	CRITICAL THINKING
<p>Reflect on individual achievements and focus on understanding options and opportunities.</p> <p>Internalize a philosophy of life.</p>	<p>Examine and analyze complexity of self and life through creative comparisons to outside structures, systems, or various aspects of society.</p> <p>Articulate understanding of a global problem, then apply the Creative Problem Solving steps to create an original solution (see addendum).</p>	<p>Make a judgment as to the viability of hypotheses derived from prior knowledge and how these may affect the future.</p> <p>Utilize the understanding of systems and their patterns to manipulate learning and create authentic products.</p> <p>Derive a personal system of ethical behavior based on acquired understanding of principles, theories, and ideologies.</p>

RESEARCH

<i>Student Expectations</i>	<i>Resources and Skills</i>
<p>Use specifics such as quotations, concrete details or statistical analysis to support inferences, generalizations, and conclusions.</p> <p>Summarize research in a professional manner utilizing the appropriate formal research design.</p>	<ul style="list-style-type: none"> • professional formatting in formal research design/techniques • primary source, secondary source or statistical references • test generalizations and validation of findings

PRODUCTS & PERFORMANCES

<i>Development</i>	<i>Presentation</i>	<i>Products</i>
<p>Produce one or more original product(s) of professional quality in the area of student strength and interest which may involve:</p> <ul style="list-style-type: none"> • support from a mentor or expert in the field • further development of a portfolio product 	<p>Prepare and deliver a formal presentation or performance that incorporates professional nomenclature in a multimedia format to a field of experts.</p>	<p>Business plan*, extrapolation of data, multimedia presentation*, collection of personal works, portfolio, prototype, research paper with internal documentation and citations*</p> <p><i>Choose two Products from the list.</i></p> <div style="border: 1px dotted black; padding: 5px; margin-top: 10px;"> <p>A combination of developed products over time should reflect the four content areas as appropriate. *Indicates products that can be accomplished using or integrating technology.</p> </div>